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4 BILL NO. S-77-02-25

5 SPECIAL ORDINANCE NO. S-66-77.

6 AN ORDINANCE approving Change Order
7 No. 13 in connection with Division
8 I - Wastewater Plant.

9 BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF FORT
10 WAYNE, INDIANA:

11 SECTION 1. That Change Order No. 13 to Hagerman-Shambaugh
12 Joint Bidders, Hagerman Construction Company in connection with
13 raising height of control panel, additional light in Lime Sludge
14 Pump Pit, relocation of water service to existing stormwater
15 building, routing 20" D.I. order line, changing existing valve
16 size in Lime Sludge manhole, toilet drain line to be connected
17 to new waste sludge line, deletion of new electrical conduit, re-
18 placing portion of steam line, and changing size and amount of
19 conduit in New Blower building, in the amount of \$9,927.00, as set
20 out in the specifications, is hereby in all things ratified, con-
21 firmed and approved.

22 SECTION 2. This Ordinance shall be in full force and
23 effect from and after its passage and approval by the Mayor.
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28 Councilman

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34 APPROVED AS TO FORM
35 AND LEGALITY,

CITY ATTORNEY

Read the first time in full and on motion by Burns, seconded by Hinga, and duly adopted, read the second time by title and referred to the Committee on City Utilities (and the City Plan Commission for recommendation) and Public Hearing to be held after due legal notice, at the Council Chambers, City-County Building, Fort Wayne, Indiana, on _____, the day of _____, 1976, at _____ o'clock P.M., E.S.T.

DATE: 2-22-77

Charles W. Westerman
CITY CLERK

Read the third time in full and on motion by Burns, seconded by Stier, and duly adopted, placed on its passage. PASSED (YEST) by the following vote:

	AYES	NAYS	ABSTAINED	ABSENT	TO-WIT:
TOTAL VOTES	<u>6</u>			<u>3</u>	
BURNS	<u>✓</u>				
HINGA				<u>A</u>	
HUNTER	<u>✓</u>				
MOSES				<u>A</u>	
NUCKOLS	<u>✓</u>				
SCHMIDT, D.	<u>✓</u>				
SCHMIDT, V.				<u>A</u>	
STIER	<u>✓</u>				
TALARICO	<u>✓</u>				

DATE: 2-8-77

Charles W. Westerman
CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne, Indiana, as (ZONING MAP) (GENERAL) (ANNEXATION) (SPECIAL) (APPROPRIATION)

ORDINANCE (RESOLUTION) No. 266-77 on the 8th day of March, 1976.
ATTEST: (SEAL)

Charles W. Westerman
CITY CLERK

John Nuckols
PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on the 9th day of March, 1976, at the hour of 2:00 o'clock P.M., E.S.T.

Charles W. Westerman
CITY CLERK

Approved and signed by me this 9th day of March, 1976, at the hour of 4:00 o'clock P.M., E.S.T.

Robert E. Christman
MAYOR

Bill No. S-77-02-35

REPORT OF THE COMMITTEE ON CITY UTILITIES

We, your Committee on City Utilities to whom was referred an Ordinance
approving Change Order No. 13 in connection with Division I - Wastewater Plant

have had said Ordinance under consideration and beg leave to report back to the Common
Council that said Ordinance 82 PASS.

PAUL M. BURNS - CHAIRMAN

FREDRICK R. HUNTER - VICE CHAIRMAN

VIVIAN G. SCHMIDT

WINFIELD C. MOSES, JR.

JAMES S. STIER

DATE

3-20-77

COPY

CHARLES W. HARRIS, CLERK

Shambaugh & Son

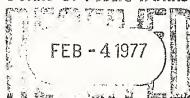
INC.

MECHANICAL • ELECTRICAL • FIRE PROTECTION • WASTE WATER

137 Chambeau Road • P.O. Box 1287 • Fort Wayne, Indiana 46801 • Phone (219) 484-0741

February 3, 1977

BOARD OF PUBLIC WORKS



City of Fort Wayne Board of Public Works
9th Floor
City-County Building
Fort Wayne, Indiana 46802

Attention: Henry P. Wehrenberg

Gentlemen:

Enclosed for your signature are ten (10) copies of change order
Number 13 on Division I Wastewater Plant for your signature.

NOTED

☐ H.P.W.

☐ E.H.L.

☐ M.C.S.

Date _____

Very truly yours,

SHAMBAUGH & SON, INC.

Kevin L. Beach,
Controller

KLB/rmd
Enclosed

14-117-8 2/3/77

2/3/77

64-117-8 2/7/77

Job No. 3263-43-00 8D

PROJECT Division I - Wastewater Plant OWNER City of Fort Wayne, Indiana

DIVISION/~~SECTION~~ I

CHANGE ORDER NO. 13

TO: HAGERMAN-SHAMBAUGH - Joint Bidders
Hagerman Construction Company

403 Strauss Building

Fort Wayne, Indiana

You are hereby authorized to make the following additions and/or deductions to your contract amount.

	Previous Contract Amount	Increase	Decrease	Net Change	Revised Contract Amount
				(Deduct) (Add)	
TOTAL	\$ 21,102,222.10	\$ 16,074.00	\$ 6,147.00	\$ 9,927.00	\$ 21,112,149.10

Description of Change: Add Deduct

Item No. 1

Furnish all labor and material necessary to enlarge the concrete base for motor control center "A" located in new aeration pipe gallery. The base height shall be increased from 4" to 18". 523.00

Item No. 2

Furnish all labor and material necessary to install a new light fixture and switch in new lime sludge receiving station dry well. The fixture shall be a 150 W. incandescent lamp, wired from a circuit breaker. 480.00

Item No. 3

Furnish all labor and material necessary to relocate the 3" PVC water line at the Stormwater Lift Station. The additional work consists of approximately 300 L.F. of new 3" PVC pipe, buried approximately 4'-0" below grade. 2,311.00

PAGE NO. 2

CHANGE ORDER NO. 13

PROJECT Water Pollution Control Project - Division I

Add

Deduct

Item No. 4

Furnish all labor and material necessary to revise the routing of the 20" D.I. odor drawoff line that extends from the existing main Control Building to the new Blower Building. The end that enters the main Control Building shall be located approximately 7 feet lower than shown on plans.

\$ 1,695.00

Item No. 5

Furnish all labor and material necessary to revise the lime sludge piping in the existing manhole. The proposed piping modification could not be accomplished due to the size of the existing valve. Replace existing wye with a new 10" tee.

980.00

Item No. 6

Furnish all labor and material necessary to repipe the existing toilet waste line in existing Aeration Building. The additional work consists of connecting existing toilet waste line to the existing 10" waste sludge line.

1,003.00

Item No. 7

Furnish all labor and material necessary to reuse the existing electrical conduits in the stormwater station for the installation of the new incoming power cables. This work will result in the deletion of the installation of the proposed new 6" conduit as shown on plans.

\$ 6,147.00

Item No. 8

Furnish all labor and material necessary to replace the existing steam condensate lines and insulation that runs through the wall and under the floor between the new lines installed underground and the first fitting inside the existing Chlorination Building. This additional work accompanies Item No. 7 of Change Order No. 11 which described replacement of all underground steam and condensate lines.

3,166.00

PAGE NO. 3CHANGE ORDER NO. 13PROJECT Water Pollution Control Project - Division IAddDeductItem No. 9

Furnish all labor and material necessary to increase the conduit size and install additional wires for a future blower located in the new Blower Building. The conduit and wire shall extend from MCC-P1-1 to the proposed junction box at future blower location.

\$ 5,916.00

Totals

\$16,074.00

6,147.00

Note:

This change does not affect the completion date.

RECOMMENDED:

HENRY B. STEEG & ASSOCIATES, A DIVISION
OF HOWARD NEEDLES TAMMEN & BERGENDOFF

By Ray H. BeckerTitle Project Engin Date 2/1/77

ACCEPTED:

HAGERMAN-SHANBAUGH

ACCEPTED FOR: HAGERMAN CONSTRUCTION CORP.
CONTRACTOR

By W. H. HagermanTitle Asst. Secy. Date 3-2-77

ACCEPTED FOR: SHANBAUGH & SON, INC.
CONTRACTOR

By ShanbaughTitle Secy Date 2-3-77

APPROVED:

CITY OF FORT WAYNE, INDIANA
OWNER

By Henry P. Wehrenberg

Henry P. Wehrenberg, Chairman

Ethel H. LaMar

Ethel H. LaMar, Member

Max G. Scott

Max Scott, Member

Title BOARD OF PUBLIC WORKSDate: Feb. 7, 1977

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: The request for this change is needed to protect Motor Control Center "A" located in the new aeration tunnel from possible water damage due to minor flooding of the tunnel. By raising the control panel 16-inches, this will reduce the change of damage occurring to the panel. Recent experience with the tunnel flooding necessitated this change.
- _____
- _____
- _____
- _____

2. Will proposed change alter size of the project? Yes X No _____

If yes, explain

Additional materials and labor will be required.

3. Affect on operation and maintenance cost of this project:

The chance of having controls reworked because of water damage will be reduced.

Engineer

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: The request for the addition of a light fixture and switch
in the lime sludge pump pit is necessary to light the pit for facilitating main-
tenance and service to the lime sludge pump.

2. Will proposed change alter size of the project? Yes X No _____

If yes, explain

Additonal material and labor will be required.

3. Affect on operation and maintenance cost of this project:

With the addition of the light, maintenance personnel will check and service pump
more efficiently.

Engineer

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: The request to relocate the existing City water service to the existing stormwater building has become necessary due to the location of the new electrical substation. The power company does not allow any digging in future within their security fence. If any problems should occur in the future with the existing water main in its present location, it would be extremely difficult to repair.

2. Will proposed change alter size of the project? Yes X No _____

If yes, explain

Additional labor and material will be required.

3. Affect on operation and maintenance cost of this project:

N/A

Engineer

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: The request for the change is routing of the 20" D.I. odor
line is necessary due to the elevation required to enter the main control building.
The extra work required will be for excavation and furnishing and installaing the
20" D.I. pipe and fittings.

2. Will proposed change alter size of the project? Yes X No _____

If yes, explain

Additional labor and material will be required.

3. Affect on operation and maintenance cost of this project:

N/A

Engineer

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: The request for the change in piping in the existing lime sludge manhole is necessary because the physical size of the existing valve is too large to allow installation of the proposed new 90° elbow. Therefore, the existing 10" wye needs to be replaced with a 10" tee to allow proper connection to be made to the new piping running into the plant. (See attached sketch).

2. Will proposed change alter size of the project? Yes X No _____

If yes, explain

Additional labor and material will be required.

3. Affect on operation and maintenance cost of this project:

N/A

Engineer

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: The request for re-piping the existing toilet waste line in the existing aeration building has become necessary because the existing waste line is being converted into the new jacket water discharge line. The extra work will require that the toilet drain line be connected to the new waste sludge line.
- _____
- _____
- _____
- _____
- _____

2. Will proposed change alter size of the project? Yes X No _____

If yes, explain

Additional labor and material will be required.

3. Affect on operation and maintenance cost of this project:

N/A

Engineer

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: The request for deleting the proposed new electrical conduit for the new incoming power feed has been proposed because the size and location of the existing conduits are sufficient. By deleting the new conduit a credit could be realized for not performing the contracted work.
- _____
- _____
- _____
- _____
- _____

2. Will proposed change alter size of the project? Yes X No _____

If yes, explain

The deletion of this portion of the contracted work will realize a decrease in the contract price.

3. Affect on operation and maintenance cost of this project:

N/A

Engineer

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: The replacement of the existing steam line from structure
to structure was requested in change order No. 11, item No. 7. While the contractors
were performing this extra work on the existing steam lines, they discovered the lines
through the building were unservicable. Therefore, this request entails replacement
of the portion of the existing steam lines that extend through the existing wall and
floor.

2. Will proposed change alter size of the project? Yes X No _____

If yes, explain

Additional labor and material will be required.

3. Affect on operation and maintenance cost of this project:

N/A

Engineer

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: This request to change the size and amount of the proposed electrical conduit and number of wires located in the new blower building is necessary with the installation of a future blower required for the AWT facilities. The cost to perform this extra work would be considerably less at this time rather than installing a completely new separate conduit and wire system in the near future.
- _____
- _____
- _____
- _____

2. Will proposed change alter size of the project? Yes X No _____

If yes, explain

Additional labor and material will be required.

3. Affect on operation and maintenance cost of this project:

N/A

Engineer

TITLE OF ORDINANCE SPECIAL ORDINANCE - CHANGE ORDER NO. 13 OF HAGERMAN-SHAMBAUGH ON DIV. I
WASTEWATER PLANT
DEPARTMENT REQUESTING ORDINANCE BOARD OF PUBLIC WORKS

SYNOPSIS OF ORDINANCE CHANGE ORDER NO. 13 OF HAGERMAN-SHAMBAUGH IN AMOUNT OF \$9,927.00
FOR NINE ITEMS WHICH PROVIDE FOR (1) RAISING HEIGHT OF CONTROL PANEL, (2) ADDITIONAL
LIGHT IN LIME SLUDGE PUMP PIT (3) RELOCATION OF WATER SERVICE TO EXISTING STORMWATER
BUILDING (4) ROUTING 20" D.I. ORDER LINE (5) CHANGING EXISTING VALVE SIZE IN LIME SLUDGE
MANHOLE (6) TOILET DRAIN LINE TO BE CONNECTED TO NEW WASTE SLUDGE LINE (7) DELETION OF
NEW ELECTRICAL CONDUIT (8) REPLACING PORTION OF STEAM LINE (9) CHANGING SIZE AND
AMOUNT OF CONDUIT IN NEW BLOWER BUILDING.

(SEE ATTACHED EXPLANATIONS)

TOTAL REVISED CONTRACT AMOUNT INCLUDING THIS CHANGE IS \$21,112,149.10

EFFECT OF PASSAGE NECESSARY CHANGES FOR EFFICIENT OPERATION PLUS SAVINGS

EFFECT OF NON-PASSAGE INEFFICIENT OPERATION

MONEY INVOLVED (DIRECT COSTS, EXPENDITURES, SAVINGS) \$9,927.00

ASSIGNED TO COMMITTEE Heenan